

- 2 -

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS

Claim 1 (currently amended) An isolated and purified zinc finger-nucleotide binding polypeptide that contains a nucleotide binding region having the sequence of any of ~~SEQ ID NO:1-110~~ SEQ ID NO:3, SEQ ID NO:7, SEQ ID NO:11, SEQ ID NO:15, SEQ ID NO:21-24, SEQ ID NO:38-47, SEQ ID NO:68-70, or SEQ ID NO:80-99.

Claim 2 (currently amended) A composition comprising from 2 to about 12 amino acid sequences, wherein each amino acid sequence is of the polypeptide of claim 1, and wherein the amino acid sequences are operatively linked.

Claim 3 (currently amended) The composition of claim 2 containing from 2 to about 6 ~~polypeptides~~ amino acid sequences.

Claim 4 (canceled)

Claim 5 (currently amended) The composition of ~~any of claims 2 to 4~~ wherein the ~~polypeptides~~ amino acid sequences are linked by a linker having the sequence of SEQ ID NO:111.

Claim 6 (currently amended) The composition of ~~any of claims 2 to 5~~ wherein each of the ~~polypeptides~~ amino acid sequences binds to a different nucleotide sequence.

Claim 7 (currently amended) The composition of ~~any of claims 2 to 6~~ that binds to a nucleotide that contains the sequence 5'-

- 3 -

(GNN)_n-3' (SEQ ID NO:127), wherein each N is A, C, G, or T with the proviso that all N's cannot be C and where n is 2 to 6.

Claim 8 (original) The polypeptide of claim 1 further operatively linked to one or more transcription regulating factors.

Claim 9 (currently amended) The composition of ~~any of claims 2 to 7~~ further operatively linked to one or more transcription regulating factors.

Claim 10 (original) An isolated and purified polynucleotide that encodes the polypeptide of claim 1.

Claim 11 (currently amended) An isolated and purified polynucleotide that encodes the composition of ~~any of claims 2 to 7~~.

Claim 12 (original) An expression vector containing the polynucleotide of claim 10.

Claim 13 (original) An expression vector containing the polynucleotide of claim 11.

Claim 14 (currently amended) A process of regulating a nucleotide sequence that contains the sequence 5'-(GNN)_n-3' (SEQ ID NO:123), where n is an integer from 1 to 6, the process comprising exposing the nucleotide sequence to an effective amount of the composition of ~~any of claims 2 to 7~~.

Claim 15 (previously amended) The process of claim 14 wherein the sequence 5'-(GNN)_n-3' (SEQ ID NO:123) is located in the transcribed region of the nucleotide sequence.

Claim 16 (currently amended) The process of claim 14 wherein the sequence 5'-(GNN)_n-3' (SEQ ID NO:123) is located in a promoter region of the nucleotide sequence.

Claim 17 (previously amended) The process of claim 14 wherein the sequence 5'-(GNN)_n-3' (SEQ ID NO:123) is located within an expressed sequence tag.

Claim 18 (original) The process of claim 14 wherein the composition is operatively linked to one or more transcription modulating factors.

Claim 19 (original) Medicament comprising the composition of any of claims 2 to 7.

Claim 20 (currently amended) Use of [.]the composition of ~~any of~~ claims 2 ~~to 7~~ for the manufacture of a medicament for the treatment of a human being.

Claim 21 (currently amended) Use of [.]the composition of ~~any of~~ claims 2 ~~to 7~~ for the manufacture of a medicament for the treatment of cancer.